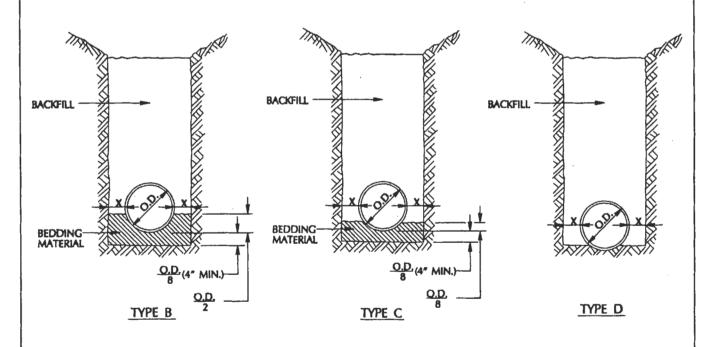


PIPE SIZE	LIMITS OF X				
FIFE SIZE	MINIMUM	MUMIXAM			
24" OR LESS	4"	4" +O.D.			
27" AND GREATER	6"	6" + <u>O.D.</u>			



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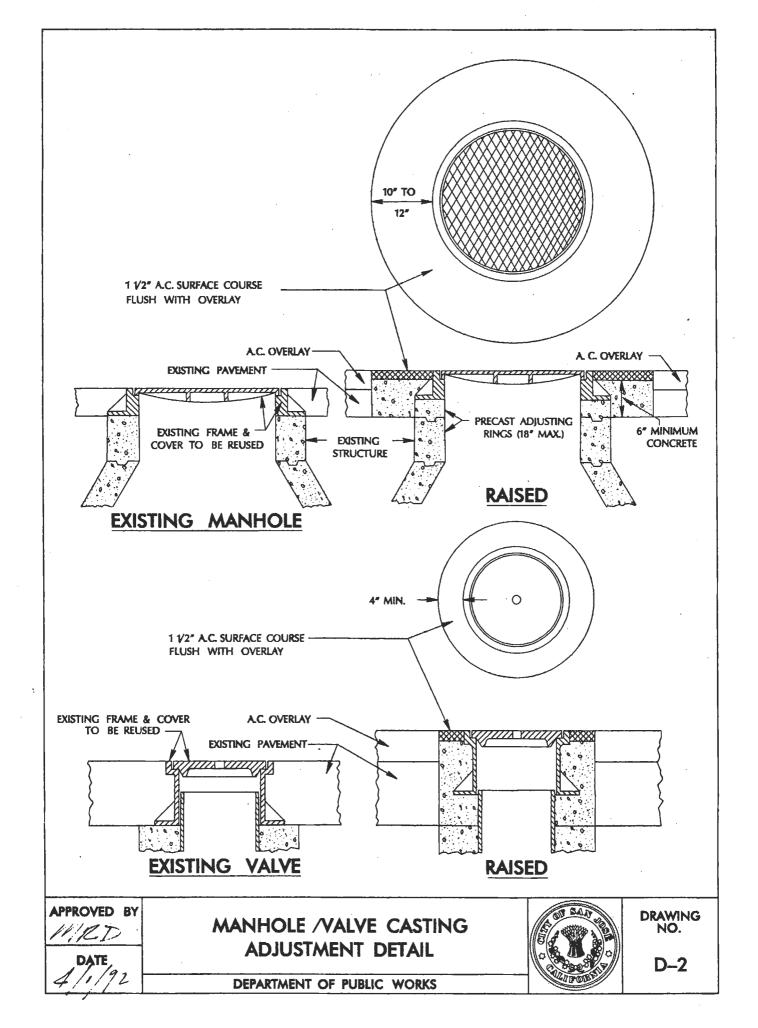
PIPE BEDDING - TYPES

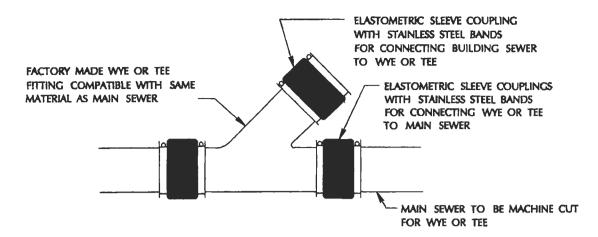
DATE

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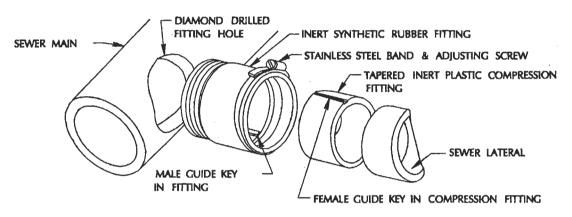
DRAWING
NO.

D-1

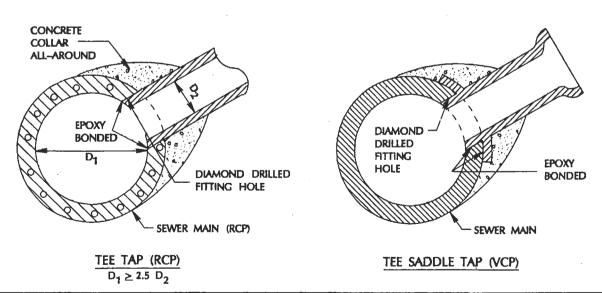




INSERTION OF FACTORY MADE WYE OR TEE



SYNTHETIC RUBBER WEDGED INSERT TEE (MIN. DIFFERENTIAL OF TWO SIZES REQUIRED)



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YYU

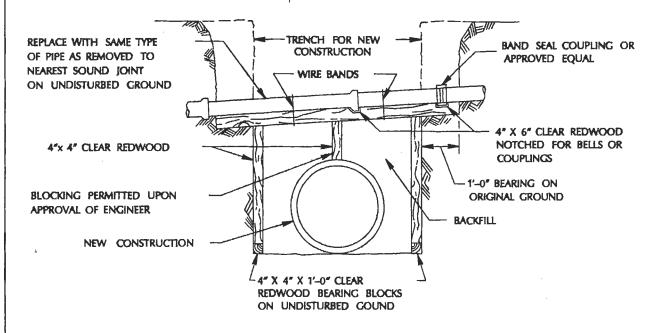
DATE

SIDE SEWERLATERAL FITTINGS TO EXISTING MAINS

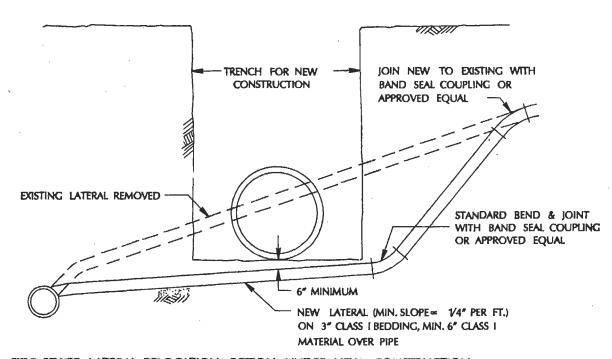
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DRAWING NO.



SIDE SEWER LATERAL SUPPORT OVER NEW CONSTRUCTION



SIDE SEWER LATERAL RELOCATION OPTION UNDER NEW CONSTRUCTION

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LATERAL SUPPORT & REPLACEMENT

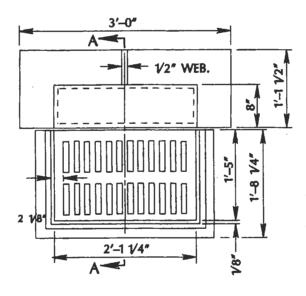
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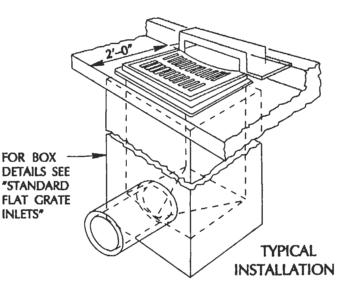
U 1 92

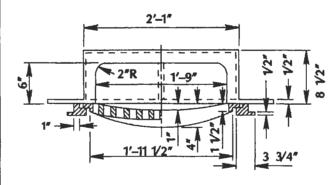
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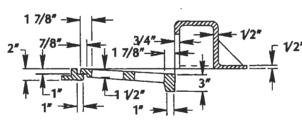
DRAWING NO.

D—4









REGULAR HOODED INLET

SECTION A-A

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MRD

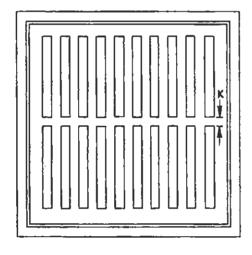
1 DATE /92

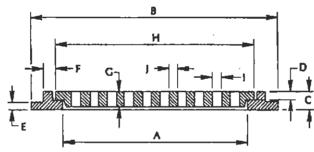
REGULAR HOODED INLETS

DEPARTMENT OF PUBLIC WORKS



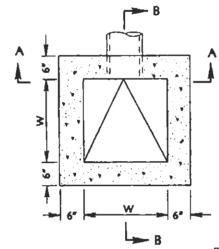
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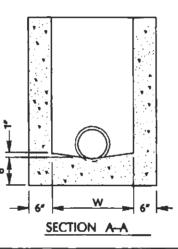


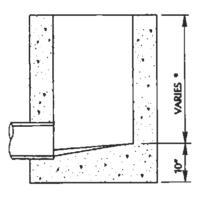


FRAME & GRATE TYPE	Α	В	С	D	£	F	C	Н	Ī	J	K	NO. OF RIBS	FLOW AREA
REGULAR FLAT GRATE INLET	24"	30°	2″	1"	1"	3/4*	2"	26"	1"	1"	1 1/4"	10	223 SQJN.
LARGE FLAT GRATE INLET	36"	42"	3"	1"	1"	3/4"	2 1/2*	38"	1"	1 1/4"	1 1/2"	15	490 SQ.IN.

GRATE & FRAME







* 3'-0" TO 3'-6"

SECTION B-B

FRAME & COVER TYPE	w
REGULAR FLAT GRATE AND HOODED INLETS	24"
LARGE FLAT CRATE AND HOODED INLETS	36"

CONCRETE BOX

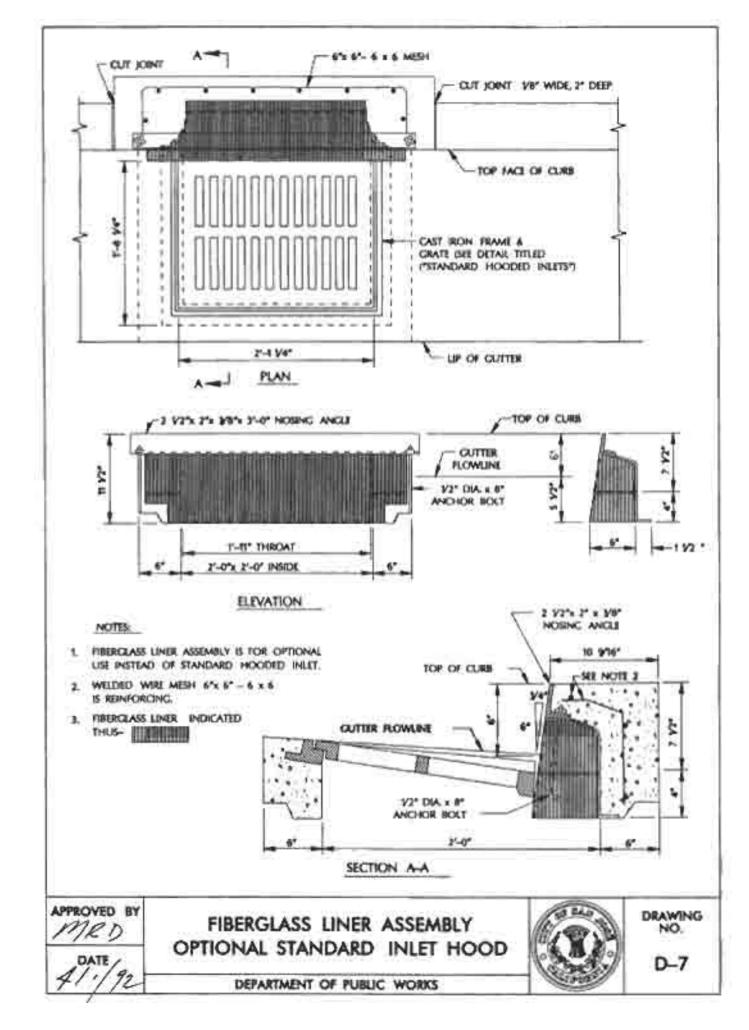
APPROVED BY

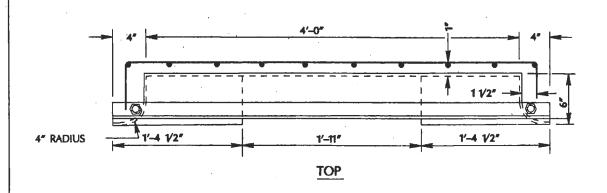
DATE 1/192 STANDARD FLAT GRATE INLETS

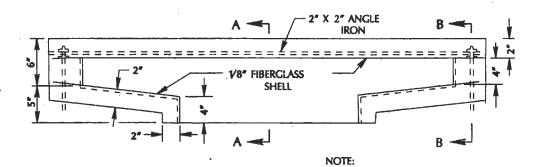
DEPARTMENT OF PUBLIC WORKS



DRAWING NO.

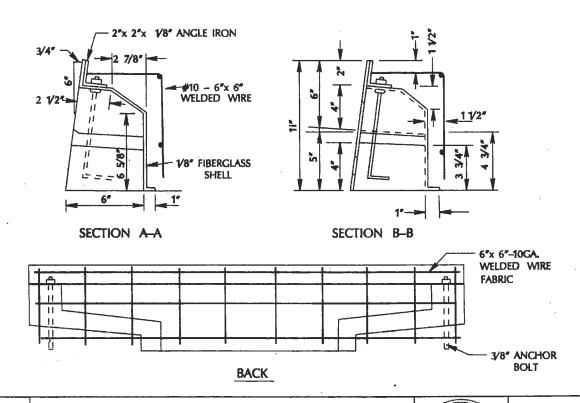






FRONT

#10 - 6"x 6" WELDED WIRE FABRIC SHALL BE SECURELY ATTACHED AT 6" INTERVALS TO THE BACK OF THE 2"x 2" ANGLE IRON



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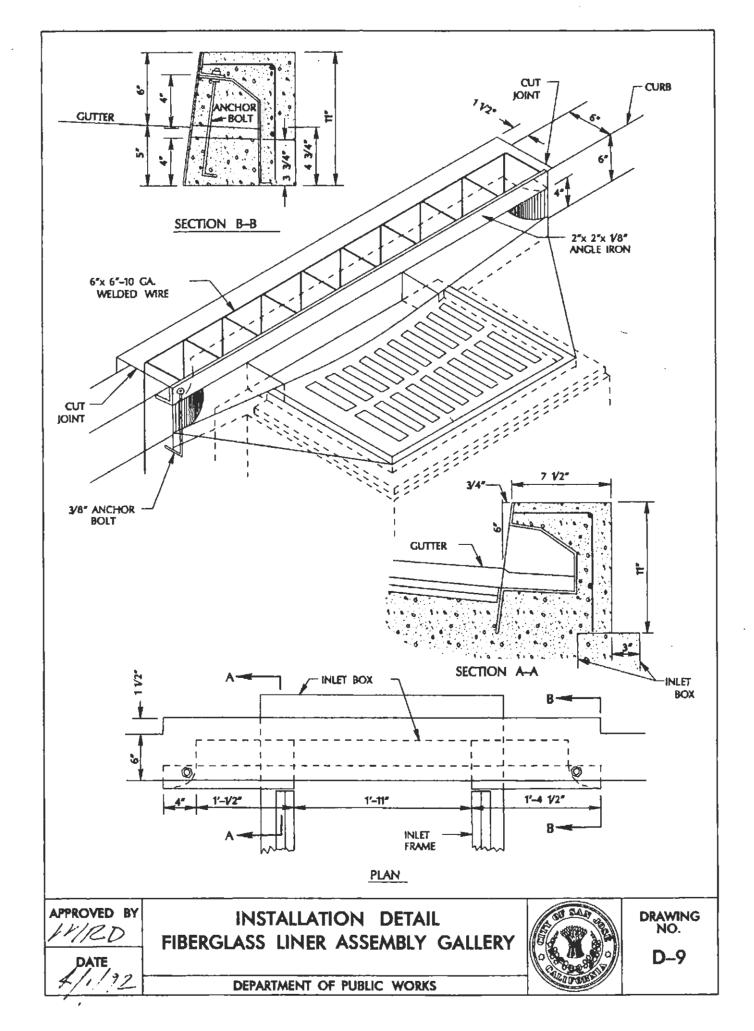
DATE / 92

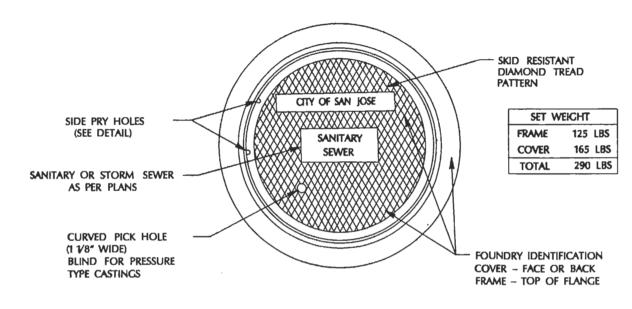
FABRICATION DETAIL
FIBERGLASS LINER ASSEMBLY GALLERY

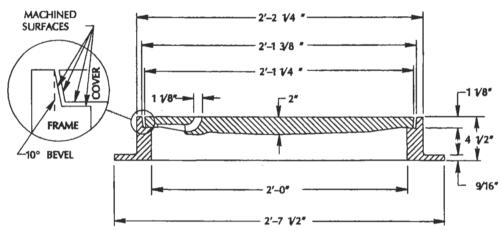
DRAWING NO.

D-8

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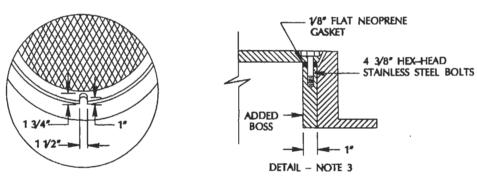






NOTES:

- 1. MINIMUM WEIGHT OF SET 290 LBS.
- 2. CAST IRON SHALL BE ASTM A-48 CLASS 35B.
- 3. WHERE BOLT DOWN COVERS ARE CALLED FOR ON THE PLANS, ADD BOSSES TO FRAME (4 EA. @ 90°), SEE DETAIL.
- 4. MANUFACTURER SHALL CERTIFY MATERIAL, WEIGHT AND DIMENSIONS.
- 5. MANUFACTURER TO CERTIFY THAT FRAME AND COVER MEET ALL LOAD REQUIREMENTS FOR H-20 HIGHWAY LOADING.



DETAIL - SIDE PRY HOLE

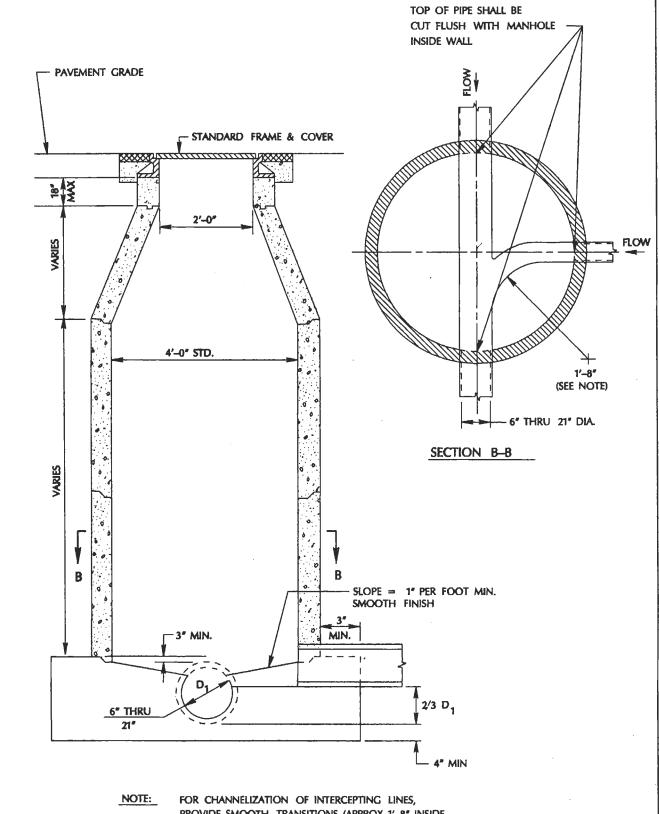
DATE

STANDARD MANHOLE FRAME & COVER

DEPARTMENT OF PUBLIC WORKS



DRAWING NO.



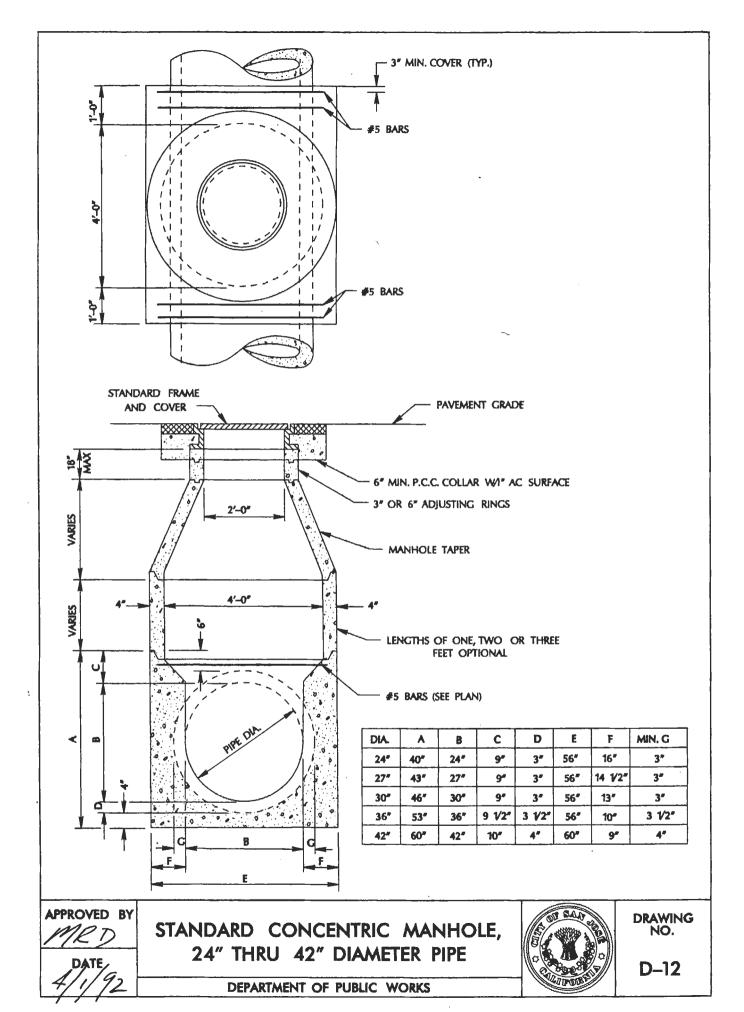
PROVIDE SMOOTH TRANSITIONS (APPROX. 1'-8" INSIDE RADIUS) TOWARDS DOWNSTREAM FLOW OF MAIN.

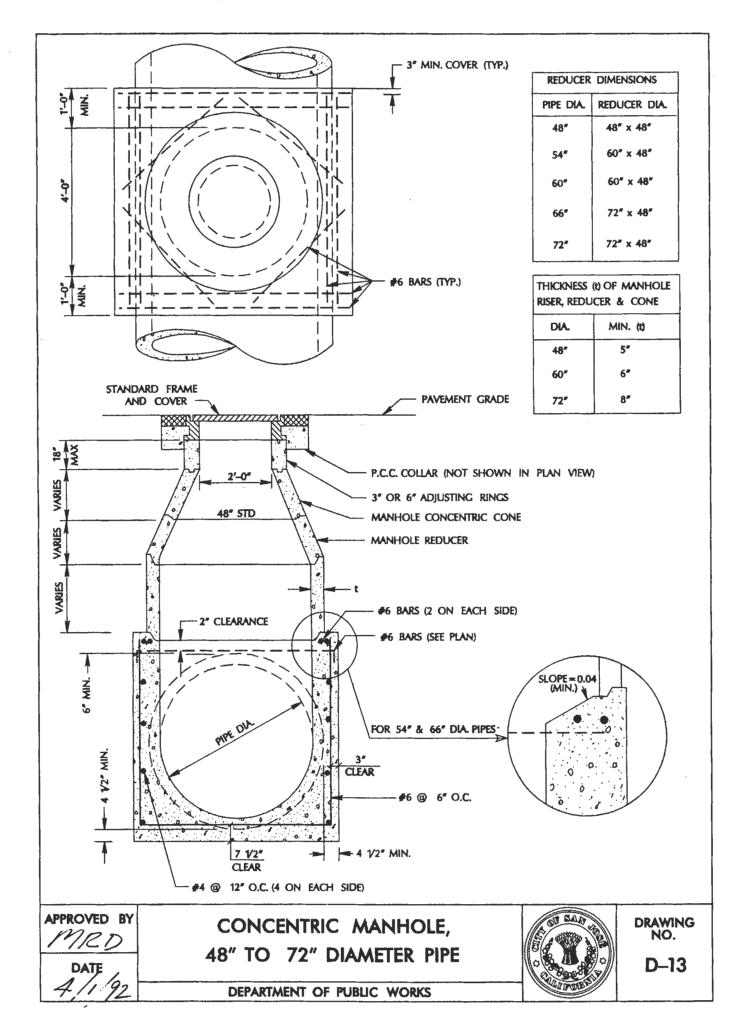
APPROVED BY

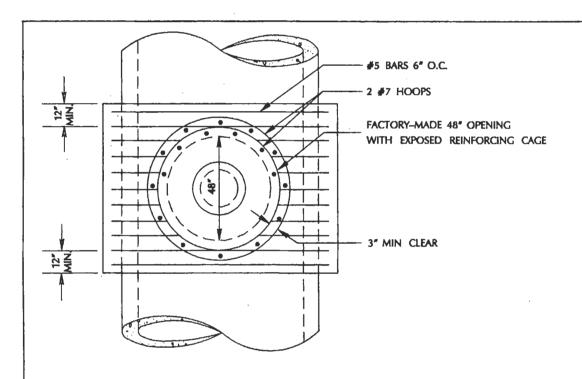
STANDARD MANHOLE 21" DIAMETER & SMALLER PIPE

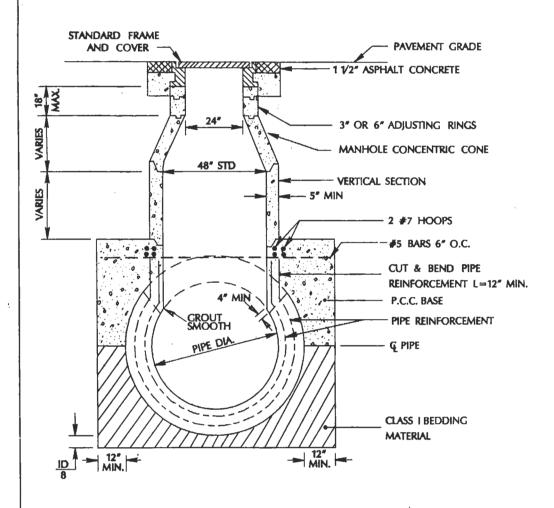
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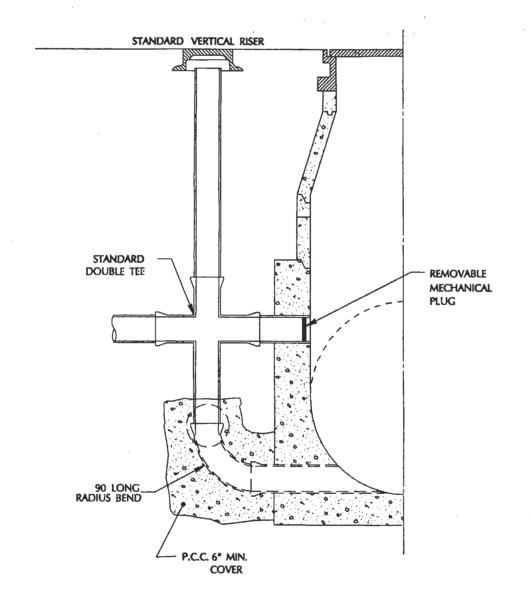
DATE 4/192

CONCENTRIC MANHOLE,
78" DIAMETER & LARGER PIPE

DEPARTMENT OF PUBLIC WORKS



DRAWING NO.



APPROVED BY

DATE 4/1/92 DROP MANHOLE CONNECTION

SU SALVE

DRAWING NO.

D-15

DEPARTMENT OF PUBLIC WORKS

